

ABSTRACT OF THE DISCLOSURE

A display apparatus has a light source unit for generating excitation light, an optical element for modulating the excitation light generated by the light source unit for each
5 of pixels in a two-dimensional plane, and a fluorescent screen for receiving the excitation light modulated by the optical element at a first surface and emitting visible light from a second surface opposite to the first surface. The fluorescent screen includes a layer of phosphor having an absorption
10 coefficient of $1 \times 10^2 \text{cm}^{-1}$ or more for the excitation light.